LPR 1274W

7 x 10 W RGBW 4-IN-1 SUPER BRIGHT LED PAR LIGHT

User´s Manual

Troubleshooting

1. If the power supply indicator doesn't light up and the light doesn't work, please check the power supply, the input voltage and the fuse.

2. In Stand-Alone operation, if the power supply indicator is light up and sound active indicator isn't light up, but the light is shut off doesn't work.

A. Because sound is too small make for light shut off in sound active, please increase the music volume or increase audio sensitivity with sensitivity knob, please check as below.

B. Please check if unit has been set up in slave mode, then set up in master mode.

3. In Master-Slave operation, slave unit don't function, please check as below.

A. Make sure to there's only one master in the chain, and the others are set in slave mode.

B. Make sure to control the unit without DMX console controlling.

C. Make sure to take a good quality power cable and connection.

4. In DMX mode operation, the light is OFF and the DMX signal indicator is unlighted, please check as below.

A. Make sure to set up the DMX mode.

B. Make sure to have a good connection.

5. In DMX operation, the unit can't be controlled by the DMX console, but the DMX signal indicator is flashing, please make sure the DMX console and unit have the same channel.

6. If the unit is fail, please turn off the unit, then turn on again after 5 minutes.

Warranty Warnings:

1. Damages caused by the disregard of this user manual are not subject to Warranty. The dealer will not accept liability for any resulting defects or problems.

2. Please consider that unauthorized modifications on the device are forbidden due to safety reasons. Please note that damages caused by manual modifications on the device or unauthorized operation by unqualified persons are not subject to warranty.

3. If this device will be operated in any way different to the one described in this manual, it may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short-circuit, burns electric shock, etc.

After trying the above solution you still have a problem, please contact your dealer or our company for service.

DMX Control:

The LED light only accepts the DMX512 signal of international standard to control the light.

DMX Control Parameter Chart

4 Channels

Channel	Function	Value	Description
CH1	Brightness	0～255	Red brightness, dark to bright
CH2		0～255	Green brightness, dark to bright
CH3		0～255	Blue brightness, dark to bright
CH4		0～255	White brightness, dark to bright

9 Channels

Channel	Function	Value	Description
CH1	Brightness	0～255	RGBW brightness, dark to bright
CH2	Brightness	0～255	Red brightness, dark to bright
CH3		0～255	Green brightness, dark to bright
CH4		0～255	Blue brightness, dark to bright
CH5		0～255	White brightness, dark to bright
CH6	Strobe	0～63	No strobe
		64～249	AUTO strobe, speed slow to fast
		250～255	Sound Active strobe
CH7	Color change	0～10	CH1--CH6 working
		11～60	Manually select static color, controlled under CH8
		61～110	AUTO color dimmer, controlled under CH8
		111～160	AUTO color pulse, controlled under CH8
		161～210	AUTO color Jumping, controlled under CH8
		211～255	Sound Active color jumping
CH8	Speed	0～255	Static color selection or speed control, slow to fast
CH9	White color	0～127	White color ON
		0～255	White color OFF

General instructions

Unpacking:

Thank you for purchasing this product. Please read user guide for safety and before using the product. Keep this manual for future reference. This product can create perfect light programs and effects since it has passed a series of strictly tests before delivery. Please check the attachments listed on the page after opening the carton. Immediately upon receiving a fixture, carefully unpack the box. Check the box contents to ensure that all parts are present and that they are in good condition. If any part appears damaged from shipping, or if the box shows signs of mishandling, notify the shipper immediately. In addition, retain the box and all the packing material for inspection.In any event, save the carton and all packing material because, in case that you have to return the fixture to the factory, you will have to do so in its original box, with its original packing.

1. LED Light: 1PCS 2. Power Cable: 1PCS 3. User Guide: 1PCS

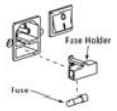
Safty Notice:

Please read the following notes carefully because they include important safety information about the installation,usage and maintenance of this product. It is important to read all these notes before starting to work with this product.

LED Expected Lifespan

LEDs gradually decline in brightness over time. HEAT is the dominant factor that leads to the acceleration of this decline. Packaged in clusters, LEDs exhibit higher operating temperatures than in ideal or singular optimum conditions. For this reason when all color LEDs are used at their fullest intensity, life of the LEDs is significantly reduced. It is estimated that a viable lifespan of 40,000 to 50,000 hours will be achieved under normal operational conditions. If improving on this lifespan expectancy is of a higher priority, place care in providing for lower operational temperatures. This may include climatic-environmental and the reduction of overall projection intensity.

	There are no user serviceable parts inside the light. Any reference to servicing this unit you may find from now on in this User Manual will only apply to properly C we certified technicians. Do not open the housing or attempt any repairs unless you are o
	Please refer to all applicable local codes and regulations for proper installation of the light.
	Keep this manual for future consultation. If you sell the light to another user, make sure that they also receive this manual.

	Avoid direct eye exposure to the light source while the fixture is on. Always disconnect the light from its power source before servicing. Always connect the light to a grounded circuit to avoid the risk of electrocution.		
	This product is for indoor use only! Use only in dry locations. Keep this device away from rain and moisture, excessive heat, humidity and dust. Do not allow contact with water or any other fluids, or metallic objects.		
	Make sure there are no flammable materials close to the fixture(s) while operating.		Please prevent this light away from electrical shock
	When hanging this fixture, always secure it to a fastening device using a safety cable (not provided).		
Power **110V 240V** **Ground**	Always make sure that you are connecting the light to the proper voltage, as per the specifications in this manual or on the product's sticker. Never connect the light to a dimmer pack. Make sure that the power cable is not cracked, crimped or damaged. Ne		
	The maximum ambient temperature (Ta) is 104 F (40 C). Do not operate the fixture at a higher temperature. In case of a serious operating problem, stop using this product immediately!		
	Use cleaning tissue to remove the dust absorbed on the external lenses periodically to optimize light output.		
	Do not remove or break the warranty label, otherwise it void the warranty.		
	Always replace with the exact same type fuse, replacement with anything other than the specified fuse can cause fire or electric shock and damage your unit, and will void your manufactures warranty.		
	There are no serviceable parts in the light. Please have all servicing and adjustments made by a qualified service engineer.		
	Don't throw this product away just as general trash, please dispose of this product following the abandon electronic product regulation in your country.		To protect the environment, recycle packing material wherever possible.

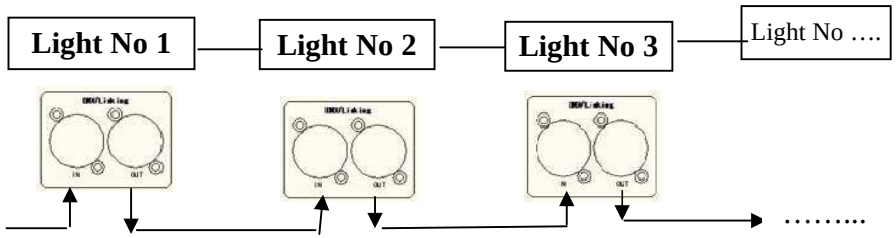
the common can cause a ground loop, and your fixture may perform erratically. Test cables with an ohm meter to verify correct polarity and to make sure the pins are not grounded or shorted to the shield or each other.

4. Turn on the all units' power, the units begins reset, then the unit begins working. The slave units will react the same as the master unit.
5. The units will react to the low frequencies of music via the internal microphone. Adjust the audio sensitivity knob on the back of the master unit to make the unit more or less sensitive in sound active. The panel has LED indicating for sound active.

Universal DMX Operation (DMX mode)

This mode allows you to use universal DMX-512 console to operate.

1. Install the units in a suitable position (laying or appending).
2. Use standard XLR microphone cable chain your units together via the XLR connector on the rear of the units. For longer cable runs we suggest a terminator at the last fixture.
3. Assign a DMX address to each the unit using dipswitches, see the "DMX Address Quick Reference Char".



DMX Signal

1：MASTER: SOUND/AUTO/DMX　2：SLAVE　2：SLAVE

4. Turn on the all units' power, the units begins reset, then the unit begins working.
5. Use DMX console to control your units.

Notes:

1. DMX console can not be used in Master-Slave operation (Sound Active or AUTO mode).
2. There should be only one master unit in Master-Slave operation.

DMX Control

The system only accepts the DMX512 signal of international standard to control the system mode, the light beam ON /OFF, running direction, running speed and twinkle speed etc.

clockwise direction to decrease. The light diode will automatically turn off after 8 seconds when the music stops.

AUTO

Auto cycles the built-in programs without being controlled externally. It has no light OFF.

The mode allows a single unit to react to the beat of the music in the master mode.

1. Install the units in a suitable position (laying or appending).
2. Set dipswitch to select Sound Active or AUTO mode.
3. Turn on the unit power, the unit begins reset, then the unit begins working.
4. The unit will react to the low frequencies of music via the internal microphone. Adjust the audio sensitivity knob on the back of the unit to make the unit more or less sensitive in sound active.The panel has LED indicating for sound active.

Master-Slave Operation

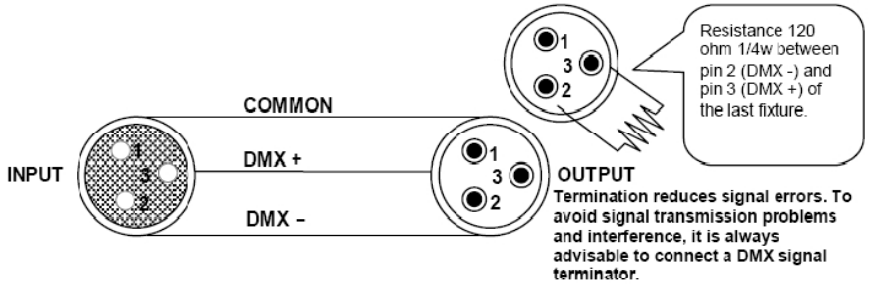
This mode will allow you to link up to 32 units together without controller.

1. Install the units in a suitable position (laying or appending).
2. Choose a unit to function as Master mode, set dipswitch to select Sound Active or AUTO mode. The others must be set to Slave mode, set dipswitch to select Slave mode.
3. Use standard XLR microphone cable chain your units together via the XLR connector on the rear of the units. For longer cable runs we suggest a terminator at the last fixture.

Cabling must have a male XLR connector on one end and a female XLR connector on the other end.

Cable Connectors

Cabling must have a male XLR connector on one end and a female XLR connector on the other end.


Resistance 120 ohm 1/4w between pin 2 (DMX -) and pin 3 (DMX +) of the last fixture.
COMMON
DMX +
DMX –
INPUT
OUTPUT
Termination reduces signal errors. To avoid signal transmission problems and interference, it is always advisable to connect a DMX signal terminator.

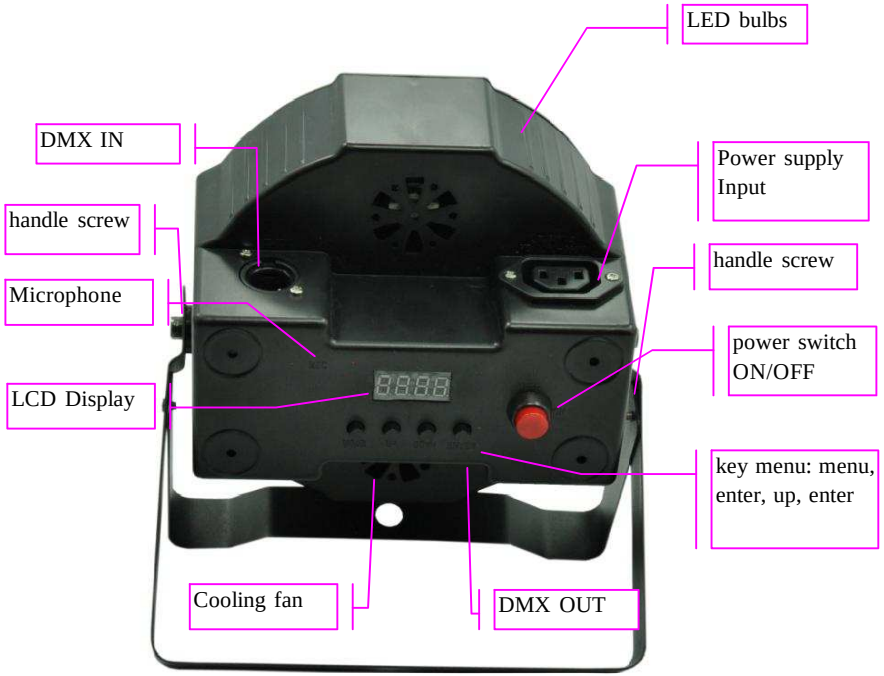
Caution: Do not allow contact between the common and the fixture's chassis ground. Grounding

Technical Specification

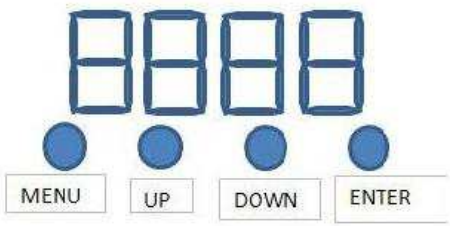
- Voltage: AC110V-130V/200V-250V, 50HZ-60HZ/ Fuse: 3A/250V
- Rated Power: 75W
- LED Light: 10W x 7pcs RGBW LED diodes
- Working Modes: DMX, Sound Active, AUTO, Master-Slave
- DMX Control Channel: 4 and/or 9 channels
- Advanced LED technology, Popular using in world.
- Extremely long life (rated 60,000 to 100,000 hr.)
- Very low power consumption, no duty cycle runs all light.
- Super bright for indoor use.Built-in automated programs via stand alone mode by Menu Button.
- 4 Digit Digital LED Display
- Lighting effects: adjustable strobe speed, color change, adjustable brightness
- 3 pin male & female XLR interface
- Light body: plastic
- Working condition: indoor use only
- Working environment temperature: 0℃-40℃
- Cooling system: air cool
- Item Size: 18cm*10cm
- Net weight: 1.1kg.
- Gross weight: 1.5Kg (inner box), Kg (outer box)
- Inner box: 225*210*170(0.008m3), Outer box: 465*435*561(0.114m3), 12pcs/carton

Fixture Dimension

Fixture Apperance



LCD Digital Operation Introduction



MENU: DMX control/colors selection/ colors pulse/colors transition/ sound control/amnual set
DOWN/UP: previous or next, increase or decrease
Enter: confirm and save the selection

LCD Digital Operation Details

MENU	Description	
d001---d512	Under DMX512 mode or Master/Slave mode; Under DMX512, 001---512 means the value, press Down/UP to increase or decrease the value, then press ENTER to save the selection.	
C001---C255	Manually color selection 001--255: 255 kinds of static color; Under Uoff white color Off MODE, 0--64 Value has 64kinds of static colors, press Down/Up to increase the value.	
rb01---rb16	AUTO color dimmer Value 01--16: dimmer speed, press Down/Up to change the speed.	
PL01---PL16	AUTO color Pulse (ON/OFF simultaneously) Value 01--16: pulse speed, press Down/Up to change the speed.	
Sd01---Sd16	AUTO color Jumping Value 01--16: jumping speed, press Down/Up to change the speed.	
FL01---FL16	AUTO Strobe 01--16 means strobe speed level, press Down/UP to increase or decrease the value, then press Enter to save the selection.	
Sod1	Sound Active color Jumping	
Sod2	Sound Active color strobe, No sound the light is blackout	
Sod3	Sound Active color dimmer	
r000～255	Manual set the Red LED brightness	
G000～255	Manual set the green LED brightness	
b000～255	Manual set the Blue LED brightness	
d4ch	Under DMX512 mode, it's 4 Channels	Press DOWN/UP to change mode
d9ch	Under DMX512 mode, it's 9 Channels	
U ON	White color ON	Press DOWN/UP to change mode
U Off	White color Off	

Function & Setting

Sound Active

The change of the light pattern is controlled by sound, that is, the rhythm of the sound control the effect of the changing light pattern. Turning the sensitivity knob in the clockwise direction to increase the fixture's sensitivity to sound, the knob in the counter